

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#8/C
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Stone

In re patent application of:

Ludmilla BARANOVA, et al.

Serial No.: 09/076,956

Group Art Unit: 1623

Filed: May 13, 1988

Examiner: L. Crane

Title: PROCESS FOR THE SYNTHESIS OF NUCLEIC ACIDS ON A SOLID SUPPORT
AND COMPOUNDS WHICH ARE USEFUL IN PARTICULAR AS SOLID
SUPPORTS IN THE SAID PROCESS

AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

COPY

Sir:

Applicants submit the instant amendment in response to the Office action
mailed August 5, 1998.

IN THE CLAIMS

Cancel claims 18-31 without prejudice or disclaimer.

Add the following claims.

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32. A solid support for the synthesis of a nucleic acid comprising:
- a) an organic or inorganic polymer coupled to
 - b) a divalent hydrocarbon radical containing first and second adjacent carbon atoms, said first adjacent carbon atom bonded to a hydroxy group and said second adjacent carbon atom bonded to a nucleophilic group that can cleave a 3' or 5' phosphate, phosphite or phosphorothioate group from a nucleotide monomer through a one step β -elimination reaction.

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